

Exhibit A.5-1 Manufacturer's Technical Information

Equipment	Location	Manufacturer	Model	Warranty (Yrs)	Size	Capacity	Power (HP)	Voltage / Phase	Efficiency	Primary or Spare	Remarks	Cut Sheet File Name (refer to files on CD ROM)
1 PROCESS EQUIPMENT												
1 Extraction Well Pumps												
Extraction Well Pumps	GWCS	Grundfos	230150 and 230200 series	2	6 inch dia	Nominal 230 gpm	15-20 HP	460 /3 /60	70-72%		Submersible	1_PW-01 _Grundfos_Extraction Well Pumps
2 CTP Equipment												
Reactor B1	Reactors				26' x 26' x 30' high	138,000 usg					Concrete	Shop Drawings to be provided in design.
Reactor B2	Reactors				26' x 26' x 30' high	138,000 usg					Concrete	Shop Drawings to be provided in design.
Reactor A	Reactors				7' dia. x 10' high	2300 usg					Carbon Steel	1_TK-03 _Hayward Gordon_Reactor A1 Tank_Carbon Steel
New Sludge Thickener	New Sludge Thickener	WesTech		1	105' Diameter						Carbon Steel	2_CL-01 _WesTech_ 105-ft Dia. Sludge Thickener; 3_CL-01a _WesTech_ 105-ft Sludge Thickener_Vendor DS; 4_CL-01b_WesTech_ Sludge Thickener-CUTAWAY VIEW
New Sludge Thickener - Rake Drive	New Sludge Thickener	WesTech	2PSL54	1	54"	200,000 ft-lbs	(2) x 2	460 / 3	0.94	Primary		5_CL-01c _WesTech_ Sludge Thickener-Drive General Arrangement
New Sludge Thickener - Rake Lift	New Sludge Thickener	WesTech		1	24"	25 tons	2	460 / 3	0.93	Primary		
Existing Sludge Thickener Modification	Existing Sludge Thickener	FLSMITH	TBD	1						Primary		6_CL-02 _FLSmith_Existing Thickener Modifications
Process Air Blower No. 1	Filter Building	Aerzen	D98 H	2		1800 CFM	200	460 /3 /60		Primary		7_BL-01 _Aerzen_Process Blower No.1_PD, 8_BL-01a _Aerzen_Process Blower No.1_Dem. Sheet
Process Air Blower No. 2	Filter Building	Aerzen	D98 H	2		1800 CFM	200	460 /3 /60		Spare		9_BL-02 _Aerzen_Process Blower No.2_PD, 10_BL-02a _Aerzen_Process Blower No.2_Dem. Sheet
Process Air Blower No. 3	Filter Building	Aerzen	D62H	2		900 CFM	100	460 /3 /60		Spare		11_BL-03 _Aerzen_Process Blower No.3_PD, 12_BL-03a _Aerzen_Process Blower No.3_Dem. Sheet
Air Scour Blower No.1 & 2	Filter Building	Republic	HRB 1102	1.5		339 SCFM		460 /3 /60		Primary	Two units to be provided	13_BL- 04 _Republic_Scour Blower HRB1102
Instrument Air Compressor	Filter Building	Ingersoll	UP6-TOTAS-125	5		38 cfm @ 125 psig	10	461 /3 /60		Primary		14_AC-01 _Ingersoll_Instrument Air Compressor; 15_AC-01a _Ingersoll_Instrument Air Compressor
Instrument Air Receiver	Filter Building	ISC	ISCRT302423	1		120 gallons				Primary	Carbon Steel	16_AC-02 _ISC_Instrument Air Receiver, 17_AC-02a _ISC_Instrument Air Receiver
Plant Air Receiver	Filter Building	ISC	ISCRT302423	1		120 gallons				Primary	Carbon Steel	18_AC-03 _ISC_Plant Air Receiver
Instrument Air Dryer	Filter Building	Van Air	D 8	1						Primary	Single Tower, Vertical	19_AC-04 _Van Air_Instrument Air Dryer
Flocculant Make-Up System	Filter Building	CON-V-AIR	Polyba-400	1		300 lbs per day	0.5	460 /3 /60		Primary	VFD	20_PK-02 _Con-V-Aire_ Flocc Dosage System_10395-SYSGA1000_02, 21_Pk-02a_Con-V Air_Bulk Bag Unloading Station_10394-SYSGA1000_03,- 21_PK-02a _Con-V-Air_Bulk Bag Handling_71-00 ST Series Bulletin, 22_PK-02b _Con-V Air_Flocculant Mixer_Tank_Screw Feeder
Flocculant Meter Pump Skid (w/Pumps 1-4)	Filter Building	CON-V-AIR		1		8 usgpm	0.5			Primary	VFD	Shop Drawings to be provided in design.

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Sludge Pump No. 1	Existing Sludge Pumphouse	Cornell	6NHTB	1		2100 usgpm @ 25'	30	460 /3 /60		Primary	Centrifugal, VFD	23_PU-04_Cornell_Sludge Pump No.1_6NHTB
Sludge Pump No. 2	Existing Sludge Pumphouse	Cornell	6NHTB	1		2100 usgpm @ 25'	30	460 /3 /60		Primary	Centrifugal, VFD	24_PU-05_Cornell_Sludge Pump No.2_6NHTB
Sludge Pump No. 3	Existing Sludge Pumphouse	Cornell	6NHTB	1		2100 usgpm @ 25'	30	460 /3 /60		Spare	Centrifugal, VFD	25_PU-06_Cornell_Sludge Pump No.3_6NHTB
Recycle Sludge Pump No. 1	Filter Building	Vaughan	HSC4DHCS	1		360 usgpm @ 20'	5	460 /3 /60		Primary	Centrifugal, VFD	26_PU-07_Vaughan_Recycle Sludge Pump No.1_HSC4DHCS
Recycle Sludge Pump No. 2	Filter Building	Vaughan	HSC4DHCS	1		360 usgpm @ 20'	5	460 /3 /60		Primary	Centrifugal, VFD	27_PU-08_Vaughan_Recycle Sludge Pump No.2_HSC4DHCS
Recycle Sludge Pump No. 3	Filter Building	Vaughan	HSC4DHCS	1		360 usgpm @ 20'	5	460 /3 /60		Spare	Centrifugal, VFD	28_PU-09_Vaughan_Recycle Sludge Pump No.6_HSC4DHCS
Waste Sludge Pump No. 1	Filter Building	Vaughan	HE3P6	1		100 usgpm @ 75'	5	460 /3 /60		Primary	Centrifugal, VFD	29_PU-10_Vaughan_Waste Sludge Pump No.1_HE3P6
Waste Sludge Pump No. 2	Filter Building	Vaughan	HE3P7	1		100 usgpm @ 75'	5	460 /3 /60		Spare	Centrifugal, VFD	30_PU-11_Vaughan_Waste Sludge Pump No.2_HE3P6
Thickener Area Sump Pump	Under New Thickener	ABS	AS 0530-0840	1		88 usgpm @ 38'	5	460 /3 /60		Primary	Submersible	31_PU-12_ABS_Thickening Area Sump Pump
Sludge Transfer Pump No. 1	Under New Thickener	Vaughan	HSC4DCS	1		415 usgpm @ 20'	5	460 /3 /60		Primary	Centrifugal, VFD	32_PU-20_Vaughan_Sludge Transfer Pump No.1_HSC4DCS
Sludge Transfer Pump No. 2	Under New Thickener	Vaughan	HSC4DCS	1		415 usgpm @ 20'	5	460 /3 /60		Spare	Centrifugal, VFD	33_PU-21_Vaughan_Sludge Transfer Pump No.2_HSC4DCS
Sludge Transfer Pump No. 3	Under New Thickener	Vaughan	HSC4DCS	1		415 usgpm @ 20'	5	460 /3 /60		Spare	Centrifugal, VFD	34_PU-22_Vaughan_Sludge Transfer Pump No.3_HSC4DCS
Sludge Pump No. 4	Existing Sludge Pumphouse	Vaughan	HSC4DHCS	1		400 usgpm @ 25'	7.5	460 /3 /60		Primary	Centrifugal, VFD	35_PU-23_Vaughan_Sludge Pump No.4_HSC4DHCS
Sludge Pump No. 5	Existing Sludge Pumphouse	Vaughan	HSC4DHCS	1		400 usgpm @ 25'	7.5	460 /3 /60		Spare	Centrifugal, VFD	36_PU-24_Vaughan_Sludge Pump No.5_HSC4DHCS
Recycle Sludge Pump No. 4	Filter Building	Vaughan	HSC3DSCS	1		60 usgpm @ 20'	5	460 /3 /60		Primary	Centrifugal, VFD	37_PU-25_Vaughan_Recycle Sludge Pump No.4_HSC3DSCS
Recycle Sludge Pump No. 5	Filter Building	Vaughan	HSC3DSCS	1		60 usgpm @ 20'	5	460 /3 /60		Spare	Centrifugal, VFD	38_PU-26_Vaughan_Recycle Sludge Pump No.5_HSC3DSCS
Sludge Holding Tank	Filter Building	Hayward Gordon		1	11' dia x 14' high	7,800 usg					Carbon Steel	39_TK-04_Hayward Gordon_Sludge Holding Tank_Carbon Steel
Dirty Backwash Tank	Filter Building	Hayward Gordon		1	15' dia. x 18' high	19,000 usg					Carbon Steel	40_TK-06_Hayward Gordon_Dirty Backwash Tank_Carbon Steel
Plant Water Tank	Filter Building	Hayward Gordon		1	6' dia. X 10' high	1,500 usg					Carbon Steel	Shop Drawings to be provided in design.
Sludge Thickener Tank	Adjacent to Filter Building	WesTech	TKE111	4	105' dia.	327145				Primary	Carbon Steel	41_TK-08_WesTech_Sludge Thickener Tank_Carbon Steel
Reactor B1 Agitator	Reactors	Hayward Gordon		1			125	460 /3 /60		Primary		42_AG-01_Hayward Gordon_Reactor B1 Agitator
Reactor B2 Agitator	Reactors	Hayward Gordon		1			125	460 /3 /60		Primary		43_AG-02_Hayward Gordon_Reactor B2 Agitator

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Reactor A Agitator	Reactors	Hayward Gordon		1			10	460 /3 /60		Primary	Double Impeller	44_AG-03_Hayward Gordon_Reactor A1 Agitator, 45_AG-03a_Hayward Gordon_Reactor A1 Agitator_Baffle Output
Sludge Holding Tank Agitator	New Sludge Thickener	Hayward Gordon		1			5	460 /3 /60		Primary		46_AG-04_Hayward Gordon_Sludge Holding Tank Agitator, 47_AG-04a_Hayward Gordon_Sludge Holding Tank Agitator_Baffle Output
Dirty Backwash Tank Agitator	New Sludge Thickener	Hayward Gordon		1			5	460 /3 /60		Primary		48_AG-06_Hayward Gordon_Dirty Backwash Tank Agitator, 49_AG-06a_Hayward Gordon_Dirty Backwash Tank Agitator_Baffle Output
Filter Feed Pump No. 1	Filter Building	Cornell	10NHTA	1		4000 usgpm @ 100'	150	460 /3 /60		Primary	Centrifugal, VFD	50_PU-01_Cornell_Filter Feed Pump No.1_10NHTA
Filter Feed Pump No. 2	Filter Building	Cornell	10NHTA	1		4000 usgpm @ 100'	150	460 /3 /60		Primary	Centrifugal, VFD	51_PU-02_Cornell_Filter Feed Pump No.2_10NHTA
Filter Feed Pump No. 3	Filter Building	Cornell	10NHTA	1		4000 usgpm @ 100'	150	460 /3 /60		Spare	Centrifugal, VFD	52_PU-03_Cornell_Filter Feed Pump No.3_10NHTA
Plant Water Pump No. 1	Filter Building	Grundfos	CR32-3	1		150 usgpm @ 180'	20	460 /3 /60		Primary	Centrifugal, VFD	53_PU-14_Grundfos_Plant Water Pump No.1_CR32-3-2
Plant Water Pump No. 2	Filter Building	Grundfos	CR32-4	1		150 usgpm @ 180'	20	460 /3 /60		Spare	Centrifugal, VFD	54_PU-15_Grundfos_Plant Water Pump No.2_CR32-3-2
Dirty Backwash Return Pump No. 1	Filter building	Vaughan	HSC3DSCS			320 usgpm @ 30'	5	460 /3 /60		Primary	Centrifugal, VFD	55_PU-27_Vaughan_Dirty Backwash Return Pump No.1
Dirty Backwash Return Pump No. 2	Filter building	Vaughan	HSC3DSCS			320 usgpm @ 30'	5	460 /3 /60		Spare	Centrifugal, VFD	56_PU-28_Vaughan_Dirty Backwash Return Pump No.2
3 Pressure Filters												
Multi-Media Filter System	Filter Building	WesTech	FPV22A	1.5	12' dia x 6' side shell	883 gpm each filter	20 amp	460 /3 /60		Primary	Voltage & Breaker	1_PK-00_WesTech_Pressure Filter General Arrangement; 1a_PK-01_WesTech_Multi-Media Pressure Filter Pkg; 2_PK-01a_WesTech_Siemens Magnetic Flow Meter; 3_PK-01b_WesTech_Bray S 92 Pneumatic Actuators; 4_PK-01c_WesTech_Apco Air_Vacuum Relief Valve; 5_PK-01d_WesTech_Farris 2600 Pres Relief Valves; 6_PK-01e_WesTech_Siemens DSIII Pres. Trans'r; 6a_PK01f_WesTech_Performance Warranty
Multi-Media Filter Area Sump Pump	Filter Building	ABS	AS 0530-0840	1		88 usgpm @ 38'	5	460 /3	74.5	Primary	Submersible	7_PU-13_ABS_Multi-Media Filter Area Sump Pump
2 INSTRUMENTATION & CONTROLS												
Central Treatment Plant PLC (1)	Filter Building	QUALITEQ / SIEMENS		1	60" x 60" x 16"			120/1		Primary	New SIMATIC-SITOP_ET Siemens PLCs integrated with existing Siemens PLCs and built by UL 508A-698 shop	1_IC-01_QUALITEQ_Central Treatment Plant Panel

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GW Well Emerg Gen PLC panel (3)	GWCS	QUALITEQ / SIEMENS		1	36" x 36" x 12"			120/1		Primary	New SIMATIC-SITOP Siemens PLCs integrated with existing Siemens PLCs and built by UL 508A-698 shop	2_IC-02_QUALITEQ_GW Well Emerg Gen PLC
GW Extraction Well PLC (12)	GWCS	QUALITEQ / SIEMENS		1	60" x 48" x 24"			480/3		Primary	New SIMATIC-SITOP Siemens PLCs integrated with existing Siemens PLCs and built by UL 508A-698 shop	3_IC-03_QUALITEQ_GW Extraction Well PLC
Lime Bldg PLC (1)	Lime Building	QUALITEQ / SIEMENS		1	24" x 20" x 10"					Primary	New SIMATIC Siemens PLCs integrated with existing Siemens PLCs and built by UL 508A-698 shop	4_IC-04_QUALITEQ_Lime Bldg PLC
SCADA System Platform	Filter Building	Schneider	System Platform	1						Primary		5_SE-01_Schneider_SystemPlatform
SCADA Device Integration Servers	Filter Building	Schneider	Device Integration	1						Primary		6_SE-02_Schneider_Device Integration-Servers
SCADA Access Anywhere	Filter Building	Schneider	Access Anywhere	1						Primary		7_SE-03_Schneider_AccessAnywhere
SCADA In Touch	Filter Building	Schneider	In Touch	1						Primary		8_SE-04_Schneider_InTouch
SCADA Historian	Filter Building	Schneider	Historian	1						Primary		9_SE-05_Schneider_Historian
Laboratory Management Software	Filter Building	LabLite	LabLite_SQL	1								10_LS-01_LabLite_Lab Management Software
3 ARCHITECTURAL SYSTEMS												
Equipment Door	Filter Building	Overhead Door	625 Series	2			0.5	208/230/460		Primary		1_BD-01_Overhead Door_Door Systems-Equipment Door
Equipment Door Operator	Filter Building	Overhead Door	RSX Oper.	2			0.5	208/230/460		Primary		2_BD-02_Overhead Door_Door Systems-Equipment Door Operator
Personnel Doors	Filter Building	Curries	Composite Door Panels				0.5	208/230/460		Primary		3_BD-03_Curries_Door Systems-Personnel Door
Hardware Systems	Filter Building	Various	Various(Grade 1)	Various						Primary		4_BD-04_Various_Hardware Systems
Pre-Engineered Building System	Filter Building	Garco	Per Design	2						Primary		5_BE-01a_Garco_Pre-Engineered Building System; 6_BE-01b_Dogwood_Pre-Engineered Building System
Roofing Systems	Filter Building	Metl-Span	SSR _ 4" CRF 22g/24g	2/25**						Primary		7_BR-01_Metl-Span_Roofing Systems
Special Features	Filter Building	Dogwood	Stairs and Guardrail	2						Primary		8_BS-01_Ferguson_Stairs and Handrails-Typical; 9_BS-01a_Ferguson_Stairs-Typical
Translucent Panels	Filter Building	Kalwall	4" Kalwall 100	1						Primary		10_BT-01_Kalwall_Translucent Wall System

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Interior Walls	Filter Building	Metl-Span	4" ThermalSafe	2/25**						Primary		11_BW-01_Metl-Span_Interior Walls_Electrical Room Fire Separation Wall
Exterior Walls	Filter Building	Metl-Span	2.5" CF Mesa 24g/24g	2/25**						Primary		12_BW-02_Metl-Span_Exterior Walls
Note: **2 year warranty for structural, minimum 25 year warranty for chalk/fade and film integrity - longer depending on color selected.												
4 MECHANICAL SYSTEMS												
Make-Up Air Unit	Filter Building	XeteX	XAH-11000-CD-HI-RC	1/5***		700MBH, 11000 CFM	15	480/3		Primary	Gas-Fired, VFD	1_MU-01_XeteX_Make-Up Air Unit_PS; 2_MU-01a_XeteX_Make-Up Air Unit_CS
Air-Cooled Condensing Unit	Filter Building	XeteX	XAH -TBD	1/5***		30 Tons, 18000 cfm	40	480/4		Primary	Equipment selection TBD at final design.	3_AC-01_XeteX_Air Cooled Condensing Unit
Air Conditioning unit - Electrical Room	Filter Building	XeteX	XAH-7000-CD-AC	1/5***		15 Tons, 7000 cfm	15	480/3		Primary		4_AC-02_XeteX_Air Conditioning Unit-Electrical Room-PS; 5_AC-02a_XeteX_Air Conditioning Unit-Electrical Room-CS
Wall Exhaust Fan No.1	Filter Building	GREENHECK	SBE-2H24-10	1		1000 cfm	0.3	460/3		Primary	Direct Drive c/w VFD and Motorized Dampers	6_EF-01_GREENHECK_Wall Exhaust Fan No.1
Wall Exhaust Fan No.2	Filter Building	GREENHECK	SE2-28-421-A5	1		2000 cfm	0.58	277/ 1		Primary	Direct Drive c/w VFD and Motorized Dampers	7_EF-02_GREENHECK_Wall Exhaust Fan No.2
HVAC DDC Control Stn	Filter Building	VYKON	JACE-300E	1				120		Primary		8_DDC-01_VYKON_HVAC DDC Control Stn
Room Thermostat	Filter Building	Honeywell	RTH5100B	1						Primary		9_TC-01_Honeywell_Room Thermostat
Electric Unit Heater No.1 - Thickener Encl	Under New Thickener	Qmark	QWD07432	1		7.5 KW, 600 cfm	0.03			Primary	Heater c/w Contactor, Controls	10_UH-1_Wheeler_Electric Unit Heater No.1 Thickener Encl
Electric Unit Heater No.2 - Thickener Encl	Under New Thickener	Qmark	QWD07432	1		7.5 KW, 600 cfm	0.03			Primary	Heater c/w Contactor, Controls	11_UH-2_Wheeler_Electric Unit Heater No.2 Thickener Encl
Electric Unit Heater No.3 - Thickener Encl	Under New Thickener	Qmark	QWD07432	1		7.5 KW, 600 cfm	0.03			Primary	Heater c/w Contactor, Controls	12_UH-3_Wheeler_Electric Unit Heater No.3 Thickener Encl
Electric Unit Heater No.4 - Thickener Encl	Under New Thickener	Qmark	QWD07432	1		7.5 KW, 600 cfm	0.03			Primary	Heater c/w Contactor, Controls	13_UH-4_Wheeler_Electric Unit Heater No.4 Thickener Encl
Electric Unit Heater No.5 - Thickener Encl	Under New Thickener	Qmark	QWD07432	1		7.5 KW, 600 cfm	0.03			Primary	Heater c/w Contactor, Controls	14_UH-5_Wheeler_Electric Unit Heater No.5 Thickener Encl
Electric Unit Heater No.6 - Thickener Encl	Under New Thickener	Qmark	QWD07432	1		7.5 KW, 600 cfm	0.03			Primary	Heater c/w Contactor, Controls	15_UH-6_Wheeler_Electric Unit Heater No.6 Thickener Encl
Hinged Box Enclosure	GWCS	Hot Box	HD032090058	1	32" x 90" x 58"					Primary	2-section cover, aluminum	16_PE-1_Hot Box_Hinged Piping Enclosure
Note: ***1 year warranty equipment , 5 years for compressors												
5 PLUMBING SYSTEMS												
Outdoor Emergency Eye Wash _Safety Shower 1	On Top of Reactor Tanks	Haws	8300-8309	1						Primary	Stand alone outdoor unit with heater.	1_SS-01_Haws_Outdoor Emergency Eye Wash _Safety Shower No.1
Emergency Eye Wash Safety Shower 2	Filter Building	Haws	8300-8309	1						Primary		2_SS-02_Haws_Emergency Eye Wash _Safety Shower No.2
Emergency Eye Wash Safety Shower 3	Filter Building	Haws	8300-8309	1			120			Primary		3_SS-03_Haws_Emergency Eye Wash _Safety Shower No.3
Shower-Eye Wash Alarm	Filter Building	Haws	9001 EXP	1						Primary		4_SS-04_Haws_Shower-Eye Wash Alarm

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Thermostatic Mixing Valve	Filter Building	Haws	9201H	1						Primary		5_SS-05_Haus_Thermostatic Mixing Valve
Indoor Emergency Water Tempering Skid	Filter Building	Haws	8780	1	119 Gal	12 kW	480/ 3 Ph			Primary		6_HE-01_Haus_Indoor Emergency Water Tempering Skid
Hot Water heater Tank	Filter Building	AOSmith	DVE 200	3	200 Gal	180 kW	480/ 3 Ph			Primary		7_HE-01_AOSmith_Domestic Hot Water Heater
6 ELECTRICAL SYSTEMS												
1 Lighting												
High Bay LED - Type "A"	Filter Building	Lithonia	JHBL	5	16 5/8" X 22 3/8"	238 WATTS		MULTI/ SINGLE		Primary		1_LF-01_Lithonia_High Bay LED-Type A
Vapor Strip LED - Type "B"	Filter Building	Lithonia	VAP LED	5	54 3/4" X 4 1/8"	44 WATTS		MULTI/ SINGLE		Primary		2_LF-02_Lithonia_Vapor Strip LED - Type B
Exit LED - Type X"	Filter Building	Lithonia	LV EL N	5	8 1/2" X 13 7/8"	17 WATTS		MULTI/ SINGLE		Primary		3_LF-03_Lithonia_Exit LED - Type X
Man Door Wall Pak LED - Type "W1"	Filter Building	Lithonia	D-SERIES SIZE 1	5	13 3/4" X 6 3/8"	74 WATTS		MULTI/ SINGLE		Primary		4_LF-04_Lithonia_Man Door Wall Pak LED - Type W1
Wall Pak LED - Type "W2"	Filter Building	Lithonia	D-SERIES SIZE 2	5	18 1/2' X 7 5/8"	109 WATTS		MULTI/ SINGLE		Primary		5_LF-05_Lithonia_Wall Pak LED - Type W2
2 Main Switch Gear												
MCC Filter Building Switchboard_ATS	Filter Building	SIEMENS	FILTER_BUIL DING-ATS-MCC	1	90H X 380W X 42D	1200 amp		480 / 3		Primary		1_SG-01_Siemens_MCC Filter Building Switchboard
TYZ Enclosed Switch	Filter Building	SIEMENS	HNF364G	1		250 amp		480/277/ 3		Primary		2_SG-02_Siemens_TYZ Enclosed Switch
TYZ Panelboards	Filter Building	SIEMENS	P1E30ML250C TSN	1		251 amp		480/277/ 3		Primary		3_SG-03_Siemens_TYZ Panelboards
15 kVA Uninterrupted Power Supply	Filter Building	Eaton	9355	1	47.8H X 12.0D X 33.5	15 kva		480/120-208/3		Primary		4_SG-04_Eaton_15 kVA Uninterrupted Power Supply
10 kVA Uninterrupted Power Supply	Filter Building	Eaton	9355	1	24" x 33.31' x 48.17"	8 - 144 EBM		480/208		Primary		5_SG-05_Eaton_10 kVA Uninterrupted Power Supply
Harmonic Filter	Filter Building	TCI	PFCA0300AW 1A121	1	96.32H X 34.25W X 26.96	400 amp		480 / 3		Primary		6_SG-06_TCI_Harmonic Filter
Filter Building Switchboard	Filter Building	Eaton	Pow-R-Line C	1		1200 amp		480 / 3		Primary		7_SG-07_Eaton_Filter Building Switchboard
Stand Alone VFD - 150 HP	Filter Building	SIEMENS	G120E	1	30W X 24D X 94H	186 amps	150	480 / 3		Primary		8_SG-08_Siemens_Stand Alone VFD - 150 HP
Stand Alone VFD - 1 HP	Filter Building	SIEMENS	G120E	1	20W X 16D X 48H	2.2 amps	1	480 / 3		Primary		9_SG-09_Siemens_Stand Alone VFD - 1 HP
3 Emergency Power												
Generator - 750 KW	CTP Area	Caterpillar	C27	5	301"L x100" w x 127"T	750 kw	1125 bhp est	480 / 3		Primary	IBC Seismic Certification with IBC ASCE07 Snow load cover-75 dba sound enclosure	1_EG-01_Caterpillar_Generator - 750 KW



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Generator - 80 KW	CTP Area	Caterpillar	C4.4	5	135"L 40" W x 92"T	80 kw	110 bhp est	480 / 3		Primary	IBC Seismic Certification with IBC ASCE07 Snow load cover-75 dba sound enclosure	2_EG-02_Caterpillar_Generator - 80 KW
Transfer Switch (200 amp)	CTP Area	Caterpillar	CTSD	2	46"t x 24" w x 15" T	200 amp		480 / 3		Primary	IBC Seismic Certified-Nema 4X Enclosure	3_EG-03_Caterpillar_Transfer Switch-200amp
4 Fire Control Panel												
Fire Control Panel	Filter Building	Simplex	4100 ES	2				120		Primary		1_FAP-01 Simplex Fire Control Panel